

# Curriculum Contract

## Secondary Education (8-12)

### Biology

#### Bachelor of Science

#### UNION COLLEGE CURRICULUM PLAN

\_\_\_\_\_  
Candidate

\_\_\_\_\_  
ID #

\_\_\_\_\_  
Advisor

It is the student's responsibility to consult the College Catalog regarding requirements for admission to the Teacher Education Program and student teaching. These include, but are not limited to, a 2.75 GPA overall, in pre-professional requirements, in professional requirements and in teaching emphasis for admission to student teaching.

This *Program of Study* is valid for 3 years following acceptance into the Teacher Education Program. The program may be altered at any time, however, by state or national accreditation or certification agencies.

UNION COLLEGE LIBERAL EDUCATION CORE (or equivalent)

Completed \_\_\_\_\_

#### PRE-PROFESSIONAL REQUIREMENTS

Required Course		Hrs	Transfer/Substitution & Inst.	Grade
1.	Diversity Perspectives Course <sup>1</sup>	3		
2.	EDUC 283 Educational Technology	3		
3.	PSYH 200 Intro to Psychology	3		

Pre-Professional GPA \_\_\_\_\_

#### PROFESSIONAL PREPARATION<sup>2</sup>

Required Courses				Hrs	Transfer/Substitution & Inst.	Grade
1.	Novice Block	EDUC 231	Schooling in American Culture	3		
2.		EDUC 211	Early Involvement Seminar	2		
3.		EDUC 210	Early Involvement Practicum	1		

Required Courses				Hrs	Transfer/Substitution & Inst.	Grade
4.	Inter. Block	PSYH 225	Adolescent Psychology	3		
5.		EDUC 376	Instructional Design and Delivery: Sec. School	3		
6.		PSYH 470	Theories of Learning	3		
7.		EDUC 310	Intermediate Inv Practicum	1		
8.		SPED 321	Survey of Exceptionalities	3		

CASE EXAM: Reading \_\_\_\_\_; Writing \_\_\_\_\_; Math \_\_\_\_\_

Date Admitted to Teacher Education \_\_\_\_\_

9.	Adv. Block <sup>3</sup>	EDUC 410	Advanced Involvement Practicum	1		
10.		EDUC 338	Teaching Reading in the Content Subjects	3		
11.		EDUC 447	Methods and Materials in the Secondary School	3		

Professional GPA \_\_\_\_\_

PRAXIS TESTS	KY REQUIRED SCORE	DATE	SCORE
Biology: Content Knowledge (5235) or (0235)	146		
Principles of Teaching and Learning (5624) or (0624)	160		

12.	Final Block	EDUC 488	Professional Interaction	3		
13.		EDUC 498	Student Teaching in Secondary School <sup>4</sup>	12		

<sup>1</sup> Multiple options available. Check with advisor.

<sup>2</sup> A grade point average of 2.75 is required and no grade below a "C" is acceptable

<sup>3</sup> Candidate must be admitted to Teacher Education to take Advanced Block Classes (see catalogue).

<sup>4</sup> To be eligible for Student Teaching:

(a) All Professional Courses excluding (EDUC 488) must be completed

(b) All PRAXIS II content area and PLT tests must be passed.

Student Teaching Portfolio Approval Date: \_\_\_\_\_

### BIOLOGY

		Course	Course Name	Hrs	Transfer/Substitution & Inst.	Grade
1.		BIOL 111	Gen Biology	4		
2.	One Sequence	PHYS 111	College Phy I	3		
		PHYS 113	Col Phy Lab I	1		
		PHYS 211	Gen Phy I	4		
		PHYS 213	Gen Phy Lab I	1		
3.		CHEM 121	Gen Chem I	4		
4.		CHEM 122	Gen Chem II	4		
5.		BIOL 232	General Zoology	4		
6.		BIOL 233	General Botany	4		
7.		BIOL 441	Ecology	4		
8.		BIOL 362	Transmission Genetics	4		
9.		BIOL 363	Molecular Genetics	4		
10.		BIOL 431	Cell Biology	4		
11.		BIOL ____	Elective <sup>5</sup>	3		
			Total Hours	43-44		

<sup>5</sup> Biology 331 or BIO 334 are recommended as electives for those seeking secondary certification.

Academic Emphasis GPA \_\_\_\_\_

Cumulative GPA \_\_\_\_\_

A total of 120 semester hours is required for graduation. Thirty-two of the last 38 hours must be earned at Union. Appropriate Praxis II and PLT tests must be successfully completed for certification.

Teacher certification requirements are subject to change. Before registering for the test(s), please refer to the Education Professional Standards Board website at [www.epsb.ky.gov](http://www.epsb.ky.gov) for current requirements or call 502-564-4606 or toll free at 888-598-7667.

\_\_\_\_\_  
Advisor

\_\_\_\_\_  
Date

\_\_\_\_\_  
Candidate

\_\_\_\_\_  
Date